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(54) Title: SECURE DELIVERY SYSTEM

### Business 2 Business eSecure System

eBox owner logs onto the eSecure Server and enters details of all authorised business partners (name-address-fax-phone-email)

eBox owner forwards the eBox number and password to their authorised business partner

Sender logs onto eSecure WEB page, enters receiver's eBox number and sender's password

Central Sever validates the eBox number, address and Password and forwards
Unique access code to receivers eBox and back to sender

Sender attaches Code to delivery Parcel

Delivery arrives and eBox is opened, (by the person delivering the goods) using the the unique delivery code, specifically generated by the eSecure system, for that delivery, at that eBox.

The eBox connects to the eSecure server to confirm the code/eBox number combination

The eSecure server confirms the code/eBox number combination and sends an open lock signal to the eBox

After opening the lock on the eBox, the eSecure system notifies the customer of the specific goods that were delivered, via email, phone, mobile phone.

Customer opens eBox to remove delivery, using their key or unique customer access code or a unique customer code separate to the delivery code but unique for each delivery.

Customers opening and closing details are forwarded to the central eSecure system for reconciliation and confirmation, if required.

BUSINESS FLOW DIAGRAM FOR ESECURE

(57) Abstract: A delivery box and associated delivery system including a locking device to govern access to the delivery box; the locking device being linked to a communication device to facilitate remote unlocking of the box; an input device in the nature of the keypad or card reader adapted to receive coded data; a modem associated with the delivery box adapted to receive and transmit data: the modem being interfaced with the input device so as to be capable of transmitting coded information from the input device to a remote location; a remote service provider having the facility to generate unique delivery codes in response to requests from retailers and/or consumers; the service provider having the capability of remotely unlocking the delivery box in response to input to the delivery box via the input device of a correct unique delivery code and transmission of that unique delivery code to the service provider via the modem in the delivery box.

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